

IFW16

RAW SEQUENCE LISTING

DATE: 08/13/2004 TIME: 12:05:13

PATENT APPLICATION: US/09/825,566A

Input Set : A:\47675-18 sequence listing.txt
Output Set: N:\CRF4\08132004\1825566A.raw

3 <110> APPLICANT: LAIRD, Peter W. EADS, Cindy A. 6 <120> TITLE OF INVENTION: EPIGENETIC SEQUENCES FOR ESOPHAGEAL ADENOCARCINOMA 8 <130> FILE REFERENCE: 47675-18 10 <140> CURRENT APPLICATION NUMBER: US 09/825,566A 11 <141> CURRENT FILING DATE: 2001-04-02 13 <150> PRIOR APPLICATION NUMBER: US 60/193,839 14 <151> PRIOR FILING DATE: 2000-03-31 16 <160> NUMBER OF SEQ ID NOS: 76 18 <170> SOFTWARE: PatentIn version 3.2 20 <210> SEQ ID NO: 1 21 <211> LENGTH: 22 22 <212> TYPE: DNA 23 <213> ORGANISM: Homo sapiens 25 <400> SEQUENCE: 1 26 tqqaattttc qqttqattqq tt 22 29 <210> SEQ ID NO: 2 30 <211> LENGTH: 19 31 <212> TYPE: DNA 32 <213> ORGANISM: Homo sapiens 34 <400> SEQUENCE: 2 35 aacaacgtcc gcacctcct 19 38 <210> SEQ ID NO: 3 39 <211> LENGTH: 18 40 <212> TYPE: DNA 41 <213> ORGANISM: Homo sapiens 43 <400> SEQUENCE: 3 44 accegacece gaacegeg 18 47 <210> SEQ ID NO: 4 48 <211> LENGTH: 19 49 <212> TYPE: DNA 50 <213> ORGANISM: Homo sapiens 52 <400> SEQUENCE: 4 53 ggcgttcgtt ttgggattg 19 56 <210> SEQ ID NO: 5 57 <211> LENGTH: 19 58 <212> TYPE: DNA 59 <213> ORGANISM: Homo sapiens 61 <400> SEQUENCE: 5 62 gccgacacgc gaactctaa 19 65 <210> SEQ ID NO: 6 66 <211> LENGTH: 24

67 <212> TYPE: DNA

DATE: 08/13/2004

PATENT APPLICATION: US/09/825,566A TIME: 12:05:13

•	
68 <213 > ORGANISM: Homo sapiens	
70 <400> SEQUENCE: 6	24
71 cgataaaacc gaacgacccg acga 74 <210> SEQ ID NO: 7	. 24
75 <211> LENGTH: 18	
76 <212> TYPE: DNA	
77 <213> ORGANISM: Homo sapiens	
79 <400> SEQUENCE: 7	
80 gagegeget agttageg	1'8
83 <210> SEQ ID NO: 8	
84 <211> LENGTH: 17	
85 <212> TYPE: DNA	
86 <213> ORGANISM: Homo sapiens	•
88 <400> SEQUENCE: 8	
89 teegacaege cetttee	17
92 <210> SEQ ID NO: 9	
93 <211> LENGTH: 30	
94 <212> TYPE: DNA	
95 <213> ORGANISM: Homo sapiens	
97 <400> SEQUENCE: 9	i e
98 ctccaacacc cgactactat atccgcgaaa	30
101 <210> SEQ ID NO: 10	
102 <211> LENGTH: 23	
103 <212> TYPE: DNA	•
104 <213> ORGANISM: Homo sapiens 106 <400> SEQUENCE: 10	
100 (400) SEQUENCE: 10 107 gttttggaag tatgagggtg acg	23
110 <210> SEQ ID NO: 11	23
111 <211> LENGTH: 19	
112 <212> TYPE: DNA	
113 <213> ORGANISM: Homo sapiens	•
115 <400> SEQUENCE: 11	
116 ttcccgccgc tataaatcg	. 19
119 <210> SEQ ID NO: 12	
120 <211> LENGTH: 30	
121 <212> TYPE: DNA	
122 <213> ORGANISM: Homo sapiens	•
124 <400> SEQUENCE: 12	
125 attccgccaa tacacaacaa ccaataaacg	, 30
128 <210> SEQ ID NO: 13	
129 <211> LENGTH: 21	
130 <212> TYPE: DNA	•
131 <213> ORGANISM: Homo sapiens	
133 <400> SEQUENCE: 13	
134 gcgtcggagg ttaaggttgt t	21
137 <210> SEQ ID NO: 14	
138 <211> LENGTH: 22	
139 <212> TYPE: DNA 140 <213> ORGANISM: Homo sapiens	
140 (213) ONDANIBH: HOURD SapiellS	

DATE: 08/13/2004 TIME: 12:05:13

PATENT APPLICATION: US/09/825,566A

	<400> SEQUENCE: 14	
	ctctccaaaa ttaccgtacg cg	22
146	<210> SEQ ID NO: 15	
	<211> LENGTH: 19	
	<212> TYPE: DNA	
149	<213> ORGANISM: Homo sapiens	
151	<400> SEQUENCE: 15	
152	aactcgctcg cccgccgaa	19
155	<210> SEQ ID NO: 16	
156	<211> LENGTH: 28	
157	<212> TYPE: DNA	
158	<213> ORGANISM: Homo sapiens	
160	<400> SEQUENCE: 16	
161	ctaacgtata acgaaaatcg taacaacc	28
164	<210> SEQ ID NO: 17	
165	<211> LENGTH: 25	
166	<212> TYPE: DNA	
167	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 17	
170	aqtatgaagg gtaggaagaa ttcgg	25
	<210> SEQ ID NO: 18	
	<211> LENGTH: 30	
175	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 18	
	ccttacctct aaataccaac cccaaacccg	30
	<210> SEQ ID NO: 19	
	<211> LENGTH: 19	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 19	
	gaaccaaaac gctccccat	19
	<210> SEQ ID NO: 20	
	<211> LENGTH: 27	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 20	
	ttatatgtcg gttacgtgcg tttatat	27
	<210> SEQ ID NO: 21	_ ,
	<211> LENGTH: 22	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens <400> SEQUENCE: 21	
		22
	cccgtcgaaa acccgccgat ta	44
	<210> SEQ ID NO: 22	
	<211> LENGTH: 19	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
214	<400> SEQUENCE: 22	

DATE: 08/13/2004 TIME: 12:05:13

PATENT APPLICATION: US/09/825,566A

	acgggcgttt tcggtagtt	19	)
218	3 <210> SEQ ID NO: 23		
	9 <211> LENGTH: 20		
	) <212> TYPE: DNA		
	<213> ORGANISM: Homo sapiens	•	
	3 <400> SEQUENCE: 23		
224	ccgaacctcc aaaatctcga	20	)
227	/ <210> SEQ ID NO: 24		
	3 <211> LENGTH: 26	·	
229	Control of the second s		
230	<213> ORGANISM: Homo sapiens		
232	<pre>2 &lt;400&gt; SEQUENCE: 24</pre>		
233	cgactetaaa eeetaegeae gegaaa	26	j
236	5 <210> SEQ ID NO: 25		
237	/ <211> LENGTH: 26		
238	<212> TYPE: DNA		
239	<213> ORGANISM: Homo sapiens	•	
241	<400> SEQUENCE: 25		
242	aattttaggt tagagggtta tcgcgt	26	)
245	<210> SEQ ID NO: 26		
246	<211> LENGTH: 22		
247	<212> TYPE: DNA		
248	<pre>3 &lt;213&gt; ORGANISM: Homo sapiens</pre>		
250	<400> SEQUENCE: 26		
251	. tccccaaaac gaaactaacg ac	22	:
254	<210> SEQ ID NO: 27		
255	<211> LENGTH: 19		
256	<212> TYPE: DNA		
257	<pre>&lt;213&gt; ORGANISM: Homo sapiens</pre>		
259	<400> SEQUENCE: 27		
260	cgcccacccg acctcgcat	19	<del>)</del>
263	<210> SEQ ID NO: 28		
264	<211> LENGTH: 20		
265	<212> TYPE: DNA		
266	<213> ORGANISM: Homo sapiens		
268	<pre>3 &lt;400&gt; SEQUENCE: 28</pre>		
269	aggaaggaga gagtgcgtcg	20	)
	2 <210> SEQ ID NO: 29		
273	<211> LENGTH: 21		
274	<212> TYPE: DNA .		
	<213> ORGANISM: Homo sapiens		
	/ <400> SEQUENCE: 29		
	cgaataatcc accgttaacc g	21	_
	<210> SEQ ID NO: 30		
	<211> LENGTH: 29		
	<212> TYPE: DNA		
	<213> ORGANISM: Homo sapiens		
	<400> SEQUENCE: 30		
	' ttaacgacac tcttcccttc tttcccacg	29	<b>}</b>
207	22222334040 2000000000000000000000000000	2,	

PATENT APPLICATION: US/09/825,566A

DATE: 08/13/2004 TIME: 12:05:13

	<210> SEQ ID NO: 31	
	<211> LENGTH: 23	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 31	
	gtcggcgtcg tgatttagta ttg	23
299	<210> SEQ ID NO: 32	
300	<211> LENGTH: 23	
301	<212> TYPE: DNA	
302	<213> ORGANISM: Homo sapiens	
304	<400> SEQUENCE: 32	
305	aaactacgac gacgaaactc caa	23
	<210> SEQ ID NO: 33	
	<211> LENGTH: 29	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 33	
	aaacctcgcg acctccgaac cttataaaa	29
	<210> SEQ ID NO: 34	
	<211> LENGTH: 18	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 34	18
	ctatcgccgc ctcatcgt	10
	<210> SEQ ID NO: 35	
	<211> LENGTH: 30	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 35	
	cgttatatat cgttcgtagt attcgtgttt	30
	<210> SEQ ID NO: 36	
336	<211> LENGTH: 22	
337	<212> TYPE: DNA .	
338	<213> ORGANISM: Homo sapiens	
340	<400> SEQUENCE: 36	
341	cgcgacgtca aacgccacta cg	22
344	<210> SEQ ID NO: 37	
345	<211> LENGTH: 19	
346	<212> TYPE: DNA	
347	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 37	
350	cggaagcgtt cgggtaaag	19
	<210> SEQ ID NO: 38	
	<211> LENGTH: 18	
	<212> TYPE: DNA	
	<213> ORGANISM: Homo sapiens	
	<400> SEQUENCE: 38	
	aattccaccg ccccaaac	18
	<pre>&lt;210&gt; SEQ ID NO: 39</pre>	
502	CETO, ONE TO HO. ON	

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/09/825,566A

DATE: 08/13/2004 TIME: 12:05:14

Input Set : A:\47675-18 sequence listing.txt
Output Set: N:\CRF4\08132004\I825566A.raw

## Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:66; N Pos. 3788

VERIFICATION SUMMARY

DATE: 08/13/2004

PATENT APPLICATION: US/09/825,566A

TIME: 12:05:14

Input Set : A:\47675-18 sequence listing.txt Output Set: N:\CRF4\08132004\1825566A.raw

 $L\!:\!748$  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:3780